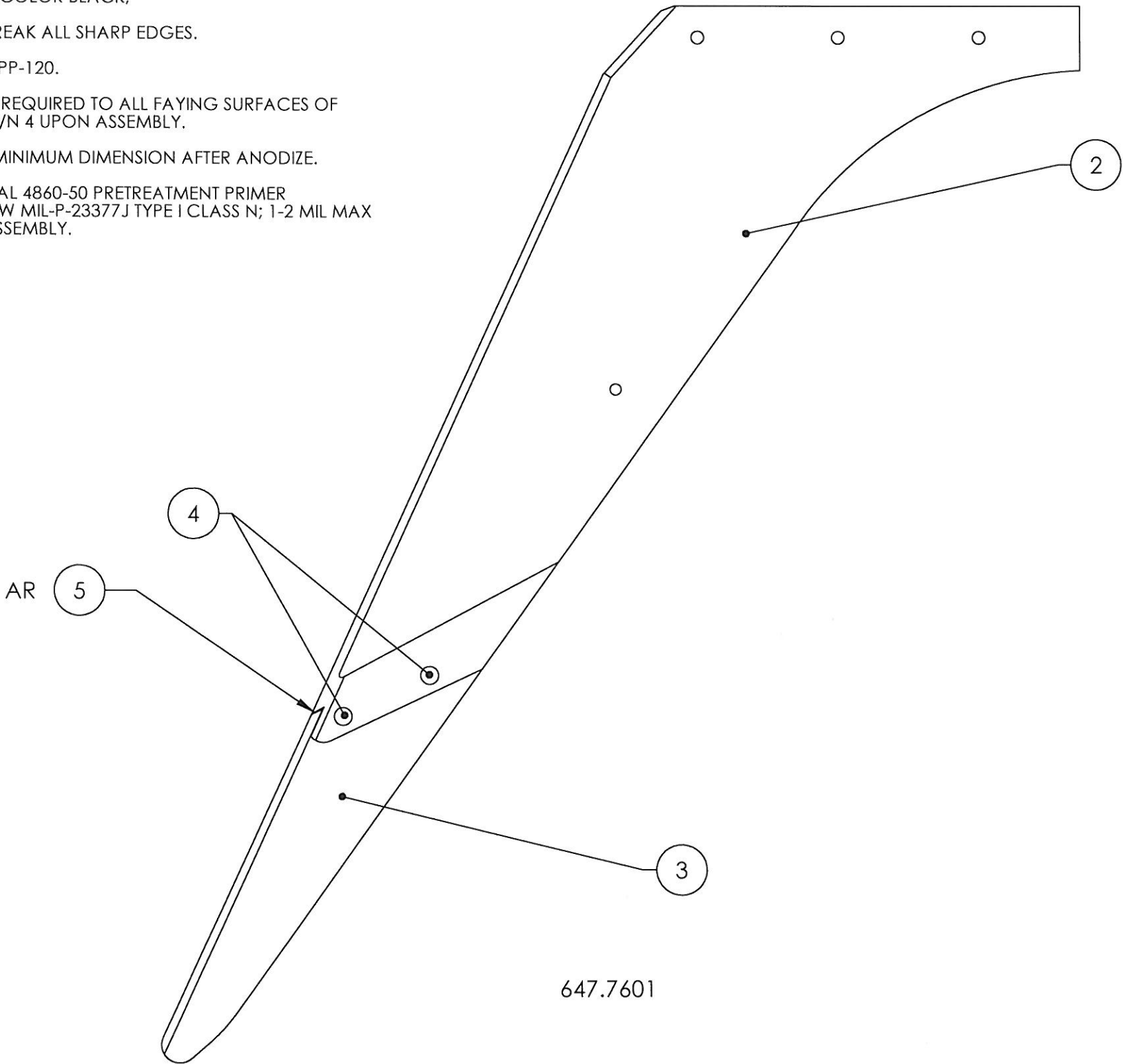












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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR3		N/C
N/C	INITIAL RELEASE	12-22-09	P. BRAVO

NOTES:

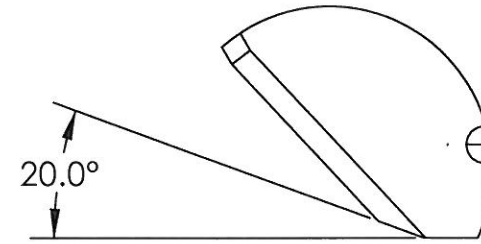
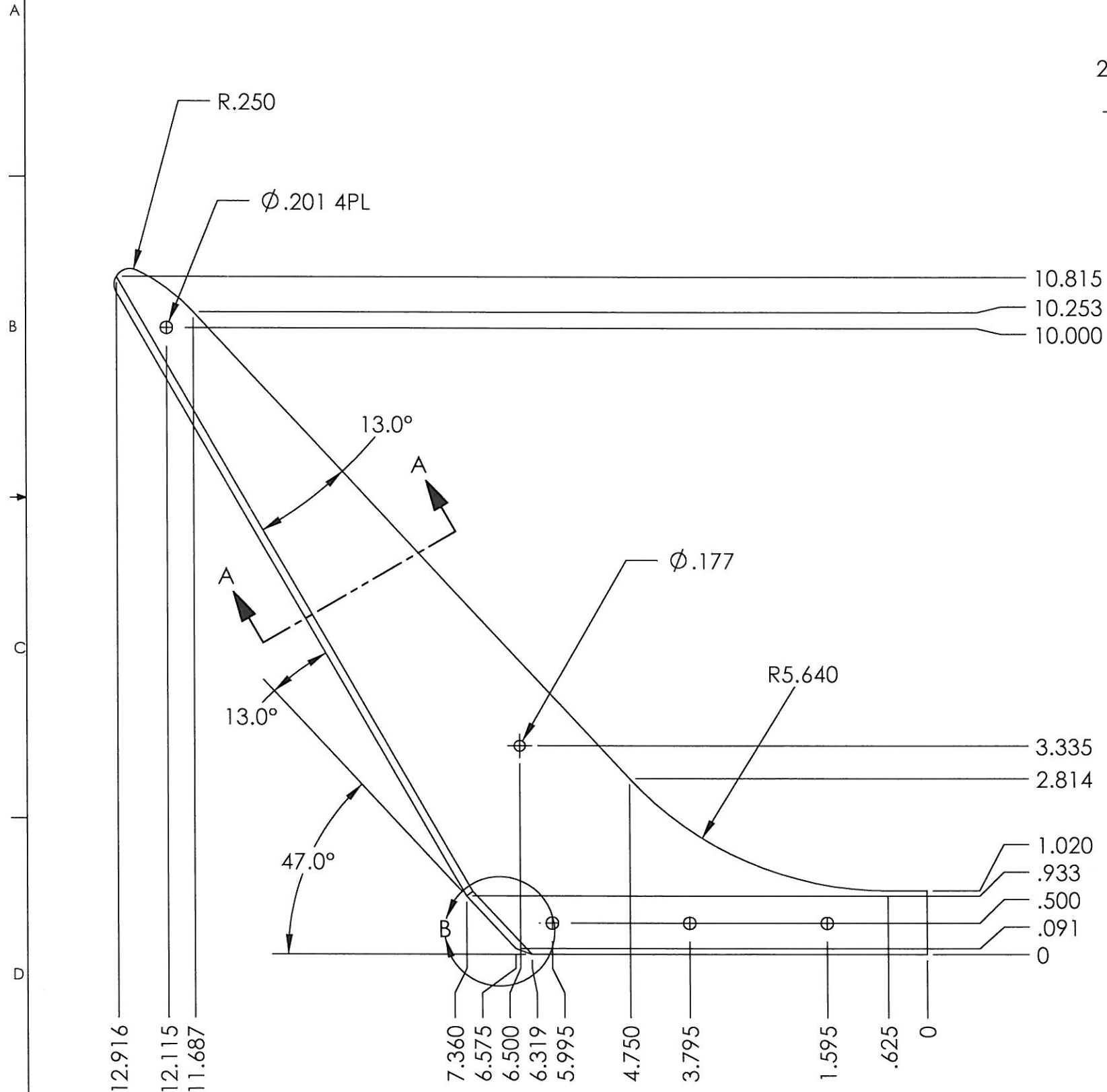
- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK;
3. DEBURR AND BREAK ALL SHARP EDGES.
4. IDENTIFY IAW MPP-120.
- 5 APPLY F/N 5 AS REQUIRED TO ALL FAYING SURFACES OF F/N 2, F/N 3 & F/N 4 UPON ASSEMBLY.
- 6 MAXIMUM OR MINIMUM DIMENSION AFTER ANODIZE.
- 7 FINISH: CARDINAL 4860-50 PRETREATMENT PRIMER PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX AFTER ASSEMBLY.



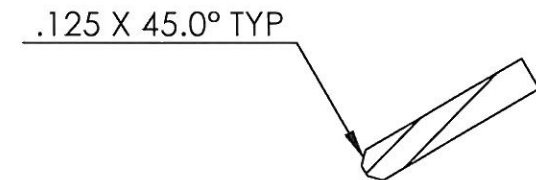
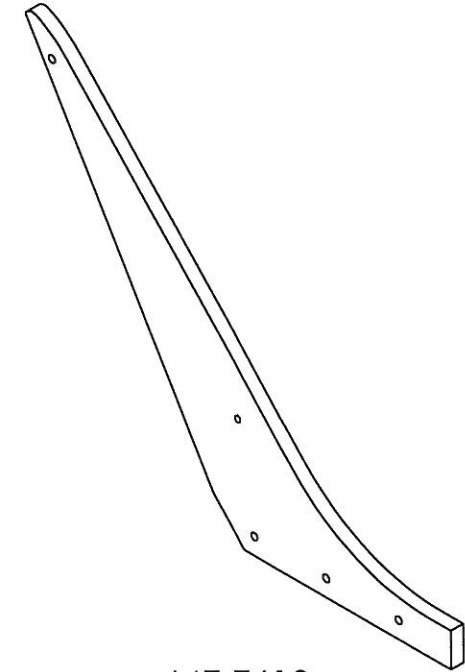
A/R	5	601.2045	RTV, LOCTITE 598		
2	4	601.3122	RIVET	MS20470AD6-14	
1	3	647.7612	BREAKAWAY TIP		
1	2	647.7611	LOWER DEFLECTOR		
	1	647.7610	UPPER DEFLECTOR		 
		647.7601	LOWER DEFLECTOR ASSY		
7601	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
QTY		PARTS LIST			
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR) 11-23-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
647.7400		DRAWN BY A. QUAN			
647.7500		CHECKER P. BRAVO			
		DRAWING APPROVAL P. BRAVO 12-22-09 			
		CONTRACT No.		DEFLECTORS	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°			
SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.7600	REV. N/C		
SCALE NONE			SHEET 1 OF 4		

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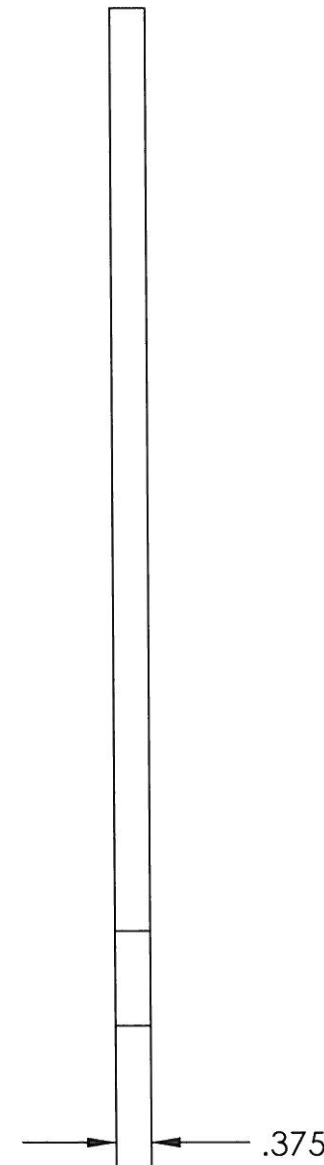
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



DETAIL B  
SCALE 1 : 1



SECTION A-A  
SCALE 1 : 2



ORIGINAL DATE (MO-DA-YR) 11-23-09	APICAL INDUSTRIES
DRAWN BY A. QUAN	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300
CHECKER P. BRAVO	DEFLECTORS
DRAWING APPROVAL P. BRAVO 12-22-09	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .03$ 3 PLACE DECIMALS $\pm .010$ ANGLES $\pm .5^\circ$
CONTRACT NO.	DWG. NO. 647.7600
SIZE B	CAGE CODE 07MZ6
SCALE NONE	REV. N/C
SHEET 2 OF 4	

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

.078 X 45.0° TYP

SECTION C-C  
SCALE 1 : 2

20.1°

DETAIL D  
SCALE 1 : 1

Ø.201

D

47.3°

18.0°

R5.782

Ø.177

10.9°

Ø.188

C

0  
.076  
.488  
1.000  
1.045

3.407

5.970

8.657

10.332

10.433

11.075

11.449

12.007

11.569

10.213

9.391

8.190

7.447

7.289

6.552

6.311

5.985

4.426

3.785

1.585

0

.376<sup>+.002</sup>  
-.000

.560

△ 6 .374 MIN

.375

TRUE R.100 2PL

(.092 2PL)

647.7611

TRUE R.100

.146

.042

0

R.250

.494

.299

0

DETAIL E  
SCALE 1 : 1

ORIGINAL DATE  
(MO-DA-YR) 11-23-09  
DRAWN BY  
A. QUAN  
CHECKER  
P. BRAVO  
DRAWING APPROVAL  
P. BRAVO  
12-22-09  
CONTRACT NO.

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS ±.03  
3 PLACE DECIMALS ±.010  
ANGLES ±.5°

APICAL INDUSTRIES  
2608 TEMPLE HEIGHTS DR.  
OCEANSIDE, CA. 92056-3512 (760)724-5300

DEFLECTORS

SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	647.7600	N/C
SCALE NONE			SHEET 3 OF 4

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

SECTION F-F  
SCALE 1 : 1.5

647.7612

$$\begin{array}{r} .371^{+.000} \\ \quad \quad \quad -.002 \end{array}$$

.373 MAX  $\triangle 6$

661

3.438

1.201

2.196

661

3.438

ORIGINAL DATE (MO-DA-YR) 11-23-09	
DRAWN BY A. QUAN	CHECKER P. BRAVO
DRAWING APPROVAL P. BRAVO 12-22-09	
CONTRACT No.	

**APICAL INDUSTRIES**  
2608 TEMPLE HEIGHTS DR.  
OCEANSIDE, CA. 92056-3512 (760)724-5300

## DEFLECTORS

SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.7600	REV. N/C
SCALE NONE		SHEET 4 OF 4	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS  $\pm .03$   
3 PLACE DECIMALS  $\pm .010$   
ANGLES  $\pm .5^\circ$